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D.K.M.COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
SEMESTER EXAMINATIONS
NOVEMBER - 2016
ANIMAL PHYSIOLOGY

RZO5C

Time : 3 Hrs

Max.Marks : 75

SECTION-A (10 x 2 =20)

Answer ALL the questions.

1. Glycogenesis.
2. Electron Transport System.
3. ECG.
4. Cardiac Cycle.
5. Uricotelism.
6. Coricycle.
7. Sensory neuron.
8. Synapse.
9. Islets of Langerhans.
10. Parathyroid glands.

SECTION-B (5 x 5 =25)

Answer any FIVE of the following questions.

11. Describe the physiological role of proteins.
12. What is meant by digestive enzymes? Explain about its role in digestion.
13. Explain the respiratory pigments and its functions.
14. Explain the functions of blood.
15. Describe the different types of excretory products.
16. Discuss about the theories of muscle contraction.
17. Describe the structure of neuron with suitable diagram.
18. Explain the structure and functions of Adrenal gland.

SECTION-C (3 x 10 =30)

Answer ALL the questions.

19. (a) Explain the metabolic pathway of glycolysis.
(Or)
(b) Explain the transport of respiratory gases.
20. (a) Describe the mechanism of urine formation in mammal.
(Or)
(b) Explain the transmission of nerve impulse along a nerve fibre.
21. (a) List down the structure and functions of thyroid gland.
(Or)
(b) Explain briefly about the phonoreceptors with suitable diagram.
